

Fredrik G I Liljeros

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

6,359
citations

257450

24
h-index

168389

53
g-index

62
all docs

62
docs citations

62
times ranked

4956
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of influential spreaders in complex networks. <i>Nature Physics</i> , 2010, 6, 888-893.	16.7	2,386
2	The web of human sexual contacts. <i>Nature</i> , 2001, 411, 907-908.	27.8	1,384
3	Simulated Epidemics in an Empirical Spatiotemporal Network of 50,185 Sexual Contacts. <i>PLoS Computational Biology</i> , 2011, 7, e1001109.	3.2	256
4	Finding a Better Immunization Strategy. <i>Physical Review Letters</i> , 2008, 101, 058701.	7.8	237
5	Structure and time evolution of an Internet dating community. <i>Social Networks</i> , 2004, 26, 155-174.	2.1	225
6	Sexual networks: implications for the transmission of sexually transmitted infections. <i>Microbes and Infection</i> , 2003, 5, 189-196.	1.9	217
7	Scaling laws of human interaction activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12640-12645.	7.1	207
8	Information dynamics shape the sexual networks of Internet-mediated prostitution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5706-5711.	7.1	165
9	Improving immunization strategies. <i>Physical Review E</i> , 2007, 75, 045104.	2.1	113
10	Network bipartivity. <i>Physical Review E</i> , 2003, 68, 056107.	2.1	107
11	Exploiting Temporal Network Structures of Human Interaction to Effectively Immunize Populations. <i>PLoS ONE</i> , 2012, 7, e36439.	2.5	87
12	Birth and death of links control disease spreading in empirical contact networks. <i>Scientific Reports</i> , 2014, 4, 4999.	3.3	71
13	Communication activity in a social network: relation between long-term correlations and inter-event clustering. <i>Scientific Reports</i> , 2012, 2, 560.	3.3	70
14	The Sensitivity of Respondent-Driven Sampling. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2012, 175, 191-216.	1.1	66
15	Implementation of Web-Based Respondent-Driven Sampling among Men Who Have Sex with Men in Vietnam. <i>PLoS ONE</i> , 2012, 7, e49417.	2.5	56
16	The effect of travel restrictions on the spread of a moderately contagious disease. <i>BMC Medicine</i> , 2006, 4, 32.	5.5	47
17	Implementation of Web-Based Respondent Driven Sampling among Men Who Have Sex with Men in Sweden. <i>PLoS ONE</i> , 2015, 10, e0138599.	2.5	45
18	Preferential attachment in sexual networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10762-10767.	7.1	42

#	ARTICLE	IF	CITATIONS
19	Inference and control of the nosocomial transmission of methicillin-resistant <i>Staphylococcus aureus</i> . <i>ELife</i> , 2018, 7, .	6.0	36
20	Number of Sexual Encounters Involving Intercourse and the Transmission of Sexually Transmitted Infections. <i>Sexually Transmitted Diseases</i> , 2006, 33, 342-349.	1.7	33
21	Percolation theory applied to measures of fragmentation in social networks. <i>Physical Review E</i> , 2007, 75, 046107.	2.1	33
22	How People Interact in Evolving Online Affiliation Networks. <i>Physical Review X</i> , 2012, 2, .	8.9	33
23	The Contact Network of Inpatients in a Regional Healthcare System. A Longitudinal Case Study. <i>Mathematical Population Studies</i> , 2007, 14, 269-284.	2.2	29
24	A Weighted Configuration Model and Inhomogeneous Epidemics. <i>Journal of Statistical Physics</i> , 2011, 145, 1368-1384.	1.2	27
25	Risk of HIV transmission from patients on antiretroviral therapy: A position statement from the Public Health Agency of Sweden and the Swedish Reference Group for Antiviral Therapy. <i>Scandinavian Journal of Infectious Diseases</i> , 2014, 46, 673-677.	1.5	24
26	Modelling sexually transmitted infections: The effect of partnership activity and number of partners on. <i>Theoretical Population Biology</i> , 2007, 72, 389-399.	1.1	23
27	Respondent-driven sampling on directed networks. <i>Electronic Journal of Statistics</i> , 2013, 7, .	0.7	23
28	Respondent-Driven Sampling Bias Induced by Community Structure and Response Rates in Social Networks. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2017, 180, 99-118.	1.1	22
29	Dynamic contact networks of patients and MRSA spread in hospitals. <i>Scientific Reports</i> , 2020, 10, 9336.	3.3	20
30	Spontaneous Group Formation in the Seceder Model. <i>Physical Review Letters</i> , 2000, 84, 3205-3208.	7.8	19
31	Percolation theory and fragmentation measures in social networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 378, 11-19.	2.6	19
32	Spatial Bridges and the Spread of Chlamydia: The Case of a County in Sweden. <i>Sexually Transmitted Diseases</i> , 2007, 34, 47-53.	1.7	18
33	The Phenomenology of Specialization of Criminal Suspects. <i>PLoS ONE</i> , 2013, 8, e64703.	2.5	18
34	Identifying asymptomatic spreaders of antimicrobial-resistant pathogens in hospital settings. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	18
35	Nontrivial resource requirement in the early stage for containment of epidemics. <i>Physical Review E</i> , 2019, 100, 032310.	2.1	17
36	Communication activity in social networks: growth and correlations. <i>European Physical Journal B</i> , 2011, 84, 147-159.	1.5	15

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37	Strong propensity for HIV transmission among men who have sex with men in Vietnam: behavioural data and sexual network modelling. <i>BMJ Open</i> , 2014, 4, e003526.	1.9	14
38	Finding Influential Spreaders from Human Activity beyond Network Location. <i>PLoS ONE</i> , 2015, 10, e0136831.	2.5	14
39	HIV testing and prevention among foreign-born Men Who have Sex with Men: an online survey from Sweden. <i>BMC Public Health</i> , 2017, 17, 139.	2.9	14
40	Sexual contacts and epidemic thresholds. <i>Nature</i> , 2003, 423, 606-606.	27.8	12
41	SPATIAL DIFFUSION OF SOCIAL ORGANIZING: MODELING TRADE UNION GROWTH IN SWEDEN, 1890â€“1940. <i>Advances in Strategic Management</i> , 0, , 267-290.	0.1	12
42	Fat-Tailed Fluctuations in the Size of Organizations: The Role of Social Influence. <i>PLoS ONE</i> , 2014, 9, e100527.	2.5	12
43	Sexual networks in contemporary Western societies. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 338, 238-245.	2.6	11
44	Mechanistic models in computational social science. <i>Frontiers in Physics</i> , 2015, 3, .	2.1	11
45	Criminal organizing applying the theory of partial organization to four cases of organized crime. <i>Trends in Organized Crime</i> , 2018, 21, 315-342.	1.3	8
46	A Characterization of Internet Dating Network Structures among Nordic Men Who Have Sex with Men. <i>PLoS ONE</i> , 2012, 7, e39717.	2.5	7
47	The network positions of methicillin resistant <i>Staphylococcus aureus</i> affected units in a regional healthcare system. <i>EPJ Data Science</i> , 2014, 3, .	2.8	6
48	Respondent-driven sampling and an unusual epidemic. <i>Journal of Applied Probability</i> , 2016, 53, 518-530.	0.7	5
49	Heavy-tailed distribution of seclusion and restraint episodes in a state psychiatric hospital. <i>Journal of the American Academy of Psychiatry and the Law</i> , 2011, 39, 93-9.	0.2	5
50	Contact Networks and the Spread of MRSA in Stockholm Hospitals. , 2015, , .		4
51	Sexual and Communication Networks of Internet-Mediated Prostitution. , 2016, , .		3
52	Inferring individual sexual action dispositions from egocentric network data on dyadic sexual outcomes. <i>PLoS ONE</i> , 2018, 13, e0207116.	2.5	2
53	The prescription of oral contraceptives and its relation to the incidence of chlamydia and abortion in Sweden 1997â€“2005. <i>Scandinavian Journal of Public Health</i> , 2012, 40, 85-91.	2.3	1
54	Sociologiska perspektiv pÃ¥ coronakrisen. <i>Sociologisk Forskning</i> , 2020, 57, .	0.2	1

#	ARTICLE	IF	CITATIONS
55	Human Sexual Networks. , 2009, , 4659-4671.		1
56	Book Reviews : Christopher G. A. Bryant: Practical Sociology: Post-empiricism and the Reconstruction of Theory and Application. Cambridge: Polity Press, 1995. Acta Sociologica, 1996, 39, 464-467.	1.9	0
57	Human Sexual Networks. , 2011, , 1-17.		0
58	Human Sexual Networks. , 2012, , 1535-1546.		0